

FORM MR-AR (Revised 11/2008)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

1594 West North Temple - Suite 1210 Box 145801 Salt Lake City, Utah 84114-5801 Telephone: (801) 538-5291 Fax: (801) 359-3940

LARGE MINING OPERATIONS 2014 PROGRESS REPORT

January 1, 2014 to December 31, 2014

The information required in this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, and the rules as under the Utah Minerals Regulatory Program.

- 1. Mine Permit Number: M/035/0002
- 2. Mine Name: Bingham Canyon Mine
- Name of Operator/Permittee: Kennecott Utah Copper LLC (KUC) 3.

Note: If Operator's address, company representative or phone numbers have changed, please provide a replacement page for the Notice of Intention.

Mine Location: 4.

Sections 7.8.9.10.11.17.18.19.20.21.30 & 32, Township 1S, Range 2W Sections 9,11,12,13,14,15,16,22,23,24,25,26 & 36, Township 1S, Range 3W Sections 4,5,9,10,11,14,15,22,23,27 & 33, Township 2S, Range 2W Sections 7,17,18 & 19, Township 3S, Range 1W Sections 4,8,9,13,14,15,16,17,19,20,21,24,25,28,29,30,31 & 32 Township 3S, Range 2W Sections 11,12,13,14,15,21,22,23,24,25,26,27,33,34,35 & 36, Township 3S, Range 3W Sections 6 & 7, Township 4S, Range 3W Sections 1, 2, 3, 11 & 12, Township 4S, Range 3W

Report the gross amount of ore mined and waste moved, and the disposition of the 5. materials (onsite stockpiles, sold, waste pile, regraded, etc.):

46.999.102 Tonsa Mined Ore 3,558,096 Tonsb Stockpiled Ore **177,168,866** Tons^c Waste Material Moved 423 Acres New Disturbance 91 Acres Area Reclaimed 9980 Acresd Total Disturbed Area

^aShort tons. Total includes material that was rehandled.

^bShort tons.

Reviewell 200 ^cShort tons. Total includes material that was re-handled and/or used for construction

^dTotal mine disturbance from the beginning of mining operations through the end of 2014.

Was the ore shipped off site? If not, where is the ore located?

- No ore was shipped off site.
- Mined ore was either conveyed to the Copperton Concentrator or was stockpiled on site for future processing.

Where is the waste located?

- Waste rock was placed on top of existing waste rock disposal areas, around the perimeter of the open pit.
- Waste rock was also used for re-establishing roads and other construction projects.
- 6. Briefly describe the reclamation work performed during the past year. A map showing reclaimed areas and dates is suggested. (Submit form MR-SITE for an application for full or partial bond/site release).

Bingham Canyon Mine (Bingham Canyon Mine Figure 2-1)

- 1 Enhancements to South End Dumps Storm Water Management
 - A. Constructed new storm water basins in Saints Rest, South Saints Rest, and Castro drainages.
 - B. Removed and stockpiled topsoil from the Yosemite, Saints Rest, South Saints Rest, and Castro drainages in preparation for placement of additional waste rock at the base of the South Dumps. Top soil is to be used in future reclamation.
 - C. Finalizing design of storm water modifications for the Yosemite, Olsen, and Butterfield drainages.
- 2 East Waste Rock Enhancements
 - A. Removed and stockpiled topsoil along the base of the east dumps in preparation for future potential placement of waste rock and the potential installation/modification of mining infrastructure. Top soil is to be used in future reclamation.
- 3 Reclamation Monitoring
 - A. Monitoring for seedling success in Bingham Canyon and other various sites.
 - B. Evaluation of seed mix success and neighbouring native vegetation.
 - C. Monitoring of seed fertilization test plots.
 - D. Physical evaluation of seed mix for impurities.

Bingham Canyon Mine Keystone Dump area

- 4 Store & Release Cover
 - A. Technical support provided by Golder Associates.
 - B. Finalized the collection of meteorological and infiltration data and closed down one of the collection sites.

South Tailings Area: Enhancements of Existing Reclamation

- 5 Reclamation enhancements.
 - A. Limestone and biosolids were placed on approximately 53 acres in the South Tailings Impoundment which was previously disturbed by fire.
 - B. Re-seeding was performed on approximately 43 acres of the South Impoundment

Copperton Rail Line (Figure Railroad Demolition Activity)

- 6 Removed Culverts, Regraded and Reseeded
 - A. Removed culverts and re-graded drainages to establish natural contours in drainages adjacent to ATK property along the Copperton Highline.

- B. Seeded approximately 5 acres near ATK property along the Copperton Highline
- C. Placed additional soil and re-seeded approximately 10 acres near the site of the historic Bonneville Crusher and the Copperton Highline.

- 7. Include an updated map depicting surface disturbance and reclamation performed during the year, prepared in accordance with Rule R647-4-105.
 - The following attachments are provided to detail 2014 reclamation activities:
 - o 2014 UDOGM Annual Reclamation Reporting Register
 - o Bingham Canyon Mine Figure 2-1
 - Figure "South Dump Soil Salvage and Stockpile Locations"
 - Figure " East Dump Soil Salvage and Stockpile Locations"
 - o Figure "Railroad Demolition Activity"
 - Figure "September 13, 2013 Storm Event Response Figure 1 Location Map of Work Plan Areas"

I hereby certify, under penalties of law, the information provided in this report is true and correct to the best of my knowledge and belief.

Name (Typed or Print): Steve Schnoor

Title of Operator: Director - Land, Water, and Energy

Signature of Operator: The For Steve Schnoor

Date: January 30, 2015

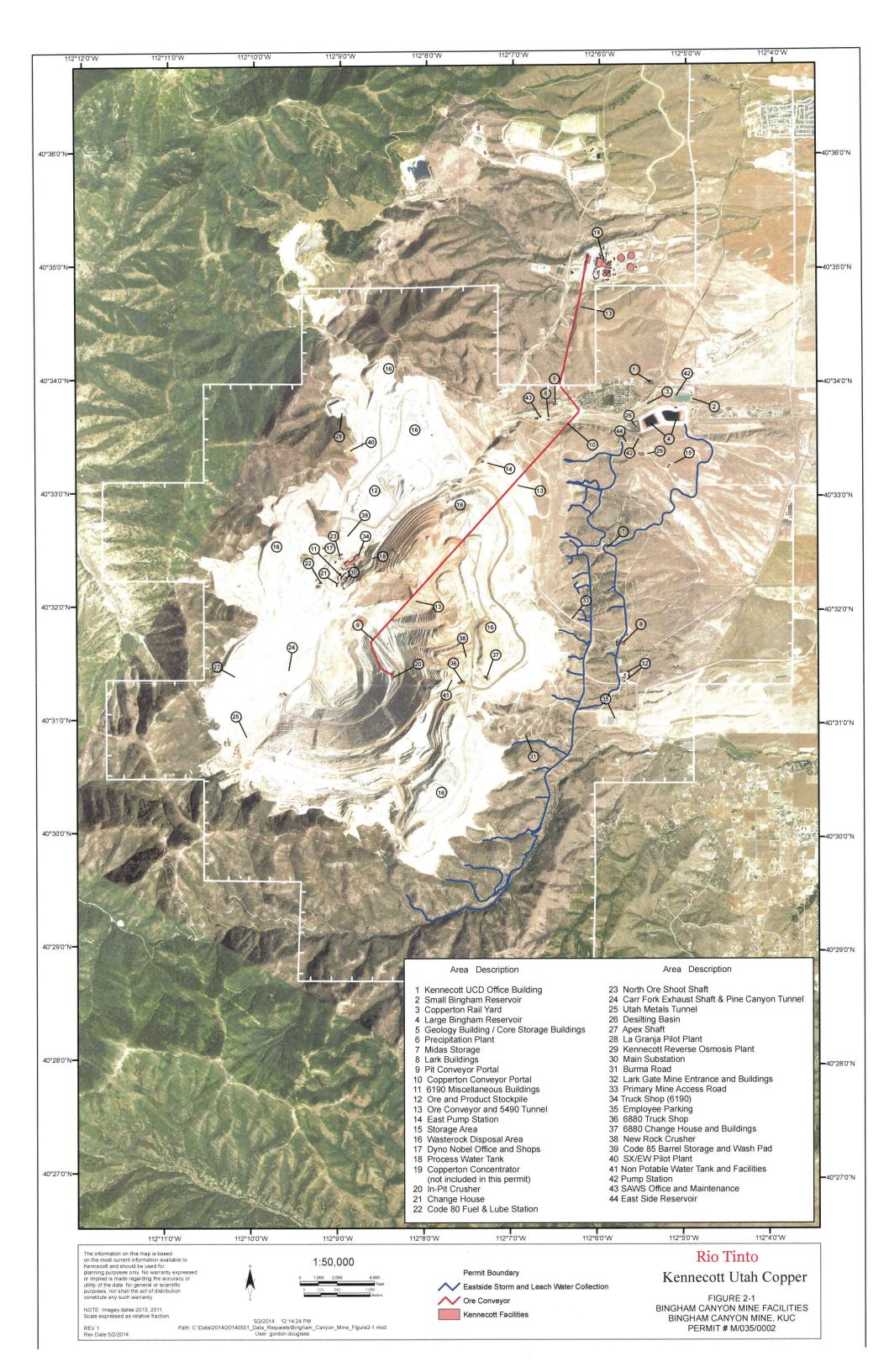
nh

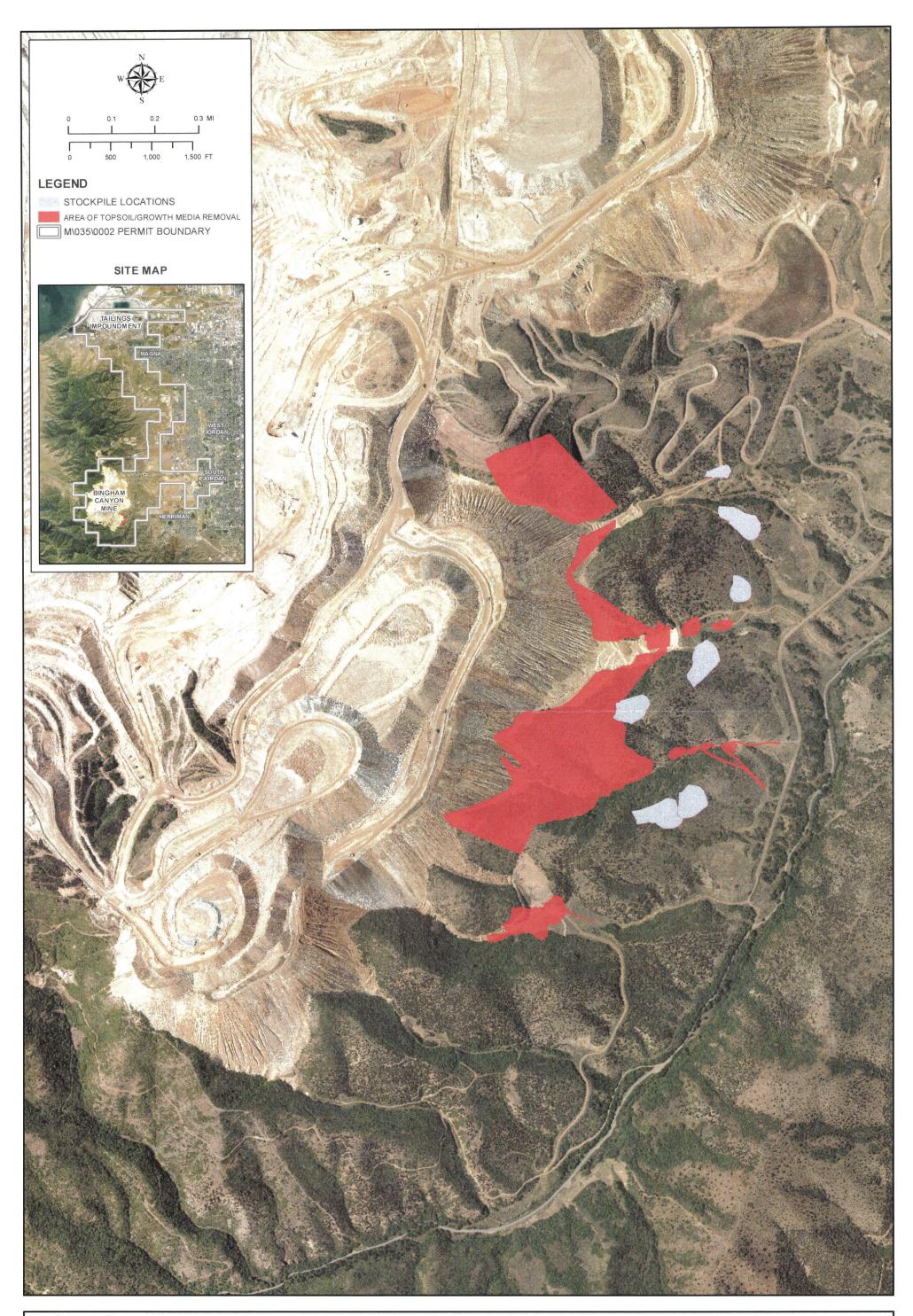
H:\DOGM\Annual Reporting\2010\BCM M-035-002\File02-2010M-035-002BinghamCanyonMineUDNR-DOGMFormMR.doc

	一日本 いいろうからから	\$ Expenditure ²					100%	
	the second	% Complete					(2) 100% (1) 100% (1) 100% (2) 100% (2) 100% (2) 100%	2
		% Q1 Q2					(1) 100% (2) 100%	
	Additional	Status						
		Demolition						
		Experimental						
	STATE OF THE PARTY OF THE PARTY.	BAT					(1) Project is placed on hold while recovery from Manefay Silde is underway (2) Place temporary seed mix in stripped arress and top soil stockpiles as needed to manage weeds and stormwater.	
		\$ Expenditure ²	5,443,384	000'05	3,800	000'09		300 300
			\$ %00 (1) 100% (4) 00% (4) 0%	(1) 0% (2) 30% (3) 100%	(1) 100% (2) 100% (3) 100%	(1) 100% (2) 100% (3) 100%	(2) 0%	141 1000k. C
				(1) 0% (2) 0% (2) 100% (3) 100% (3)		(1) 40% (1) (2) 100% (2) 40% (3) 40% (3)	(2) 0% (2) 0%	(1) 0%
		% Complete				(1) 10% (2) 50% (3) 40% (6)	(2) 0% (5)	(1) 0%
		٩						
2014	Planned ^{1,3}	Status						(1) 1.5 miles
	P	Demolition						(1) Finish Regrading
		Experimental			(1) Field visit by Consultant and confined technical support (2) Continue to collect meteorological and infiltration data (3) Decommission (4) Experimental according to Mine Plant Mine Plant	(1) Enhance mapping of reclaimed areas (2) Field (2) Field (3) Field (3) Field (3) Field (3) Field should be supposed to reclaimed areas 90% of reclaimed areas methodology for success and failure	(1) Salvage and stockpile native soils associated with the planned placement of additional waste rock at the base of the East Dumps (2) Place additional waste rock at the base of the East Dumps.	
		BAT	(1) Design Storm Waster dealers for several dealers for several dealers for several dealers for several manages associated with the South Durriges (2) Construct new storm water feating in the South Durrige (3) Remove to possign own reads from several of the South Durrige in the South Durrige (4) Place as associated with the South Durrige to dealers sea second with the South Durrige to dealers sea second with the South Durrige to dealers sea second for the South Durrige to dealers see address peat storm waster rock with the South Durrige to dealers peat storm waster rock with the South Durrige to dealers peat storm waster rock waster peat storm waster rock with the South Durrige to dealers peat storm waster rock waster peat storm waster rock with the South Durrige to dealers and the	Vegetation Monitoring (1) Various test plots associated with BCM (2) monitoring for seeding success associated with Bengham Canyon Redarration (3) Vegetation condition monitoring and are seeding	- 0 0 C F E C X X	<u></u>	C C D B C C C C C C C C C C C C C C C C	
	AREA / PROJECT		South End Dumps	Various test plots & established vegetation at Bingham Canyon Mine (BCM)	Store and Release Cover (Keystone)	Reclamation Quality Assessment and Program	East Waste Rock Expansion	Abandonment of 6.0
	PLANT		Birgham Canyon	Bingham Canyon	Bingham Canyon	Bingham Canyon	Bingham Canyon	Ore Hanlade
	M&RP		M/036/0002	M/036/0002	M/036/0002	M/035/0002	M/036/0003	MINSEMANS

MIOSENDOZ	W/035/0009	M/035/0009	M/035/0011	M/035/0015	M/045/0004
South Falling	Barneys Canyon	Barneys Canyon	Concentrator	North Tailing (Kennecott Utah Copper Tailing)	Carr Fork, Pine Canyon
Ensiting Reclanation	Clay Hollow Drainage		Noxious Weed Treatment		Entire
		(1) Top Soil Stockpiles (2) Reclaimed Areas (3) New RMP road	Pipeline area	1) 35 acres of (18) of soil to be placed on the North slope the placed on the North slope of the North Impoundment. (2) Seed to be added to 32.5 acres of the north slope of the North Impoundment.	None currently planned
		(1) 50% (2) 50% (3) 50%	%09	%0 (2)	
w.		(2)	100%	(1) 0% (1) 100% (2) 0% (2) 100%	
		\$ 500	9009 \$ %	\$ 2,137,346	
(1) % a class with executed and of the class	(1) Perform environmental cleanup of released mine sediment (2) Re-grade and resed (2) Re-grade and resed cocurred cocurred cocurred (2) Re-grade and research (2) Re-grade and research (2) Re-grade and research (3) Re-grade (3				
(3) 50% (1) 50% (2) 100%	(2) 0% (1) 75% (1) 100% (2) 100% (2) 100%				
10.00	\$ 1,209,308				

Part Board Presentation and/or 2010 Recurrention Advises Plan.
Separat Presentation and/or 2010 Recurrention Advises Plan
Separat Presentation and Plantage 47850000 - 1978 of olders pay year for each three year period, in maintaining a program of experimentation and in the
Separate Plantage and Plantage and Control and Control and Plantage Advises Plantage Advised Plantage Advises Plantage Advised Plantage Advi





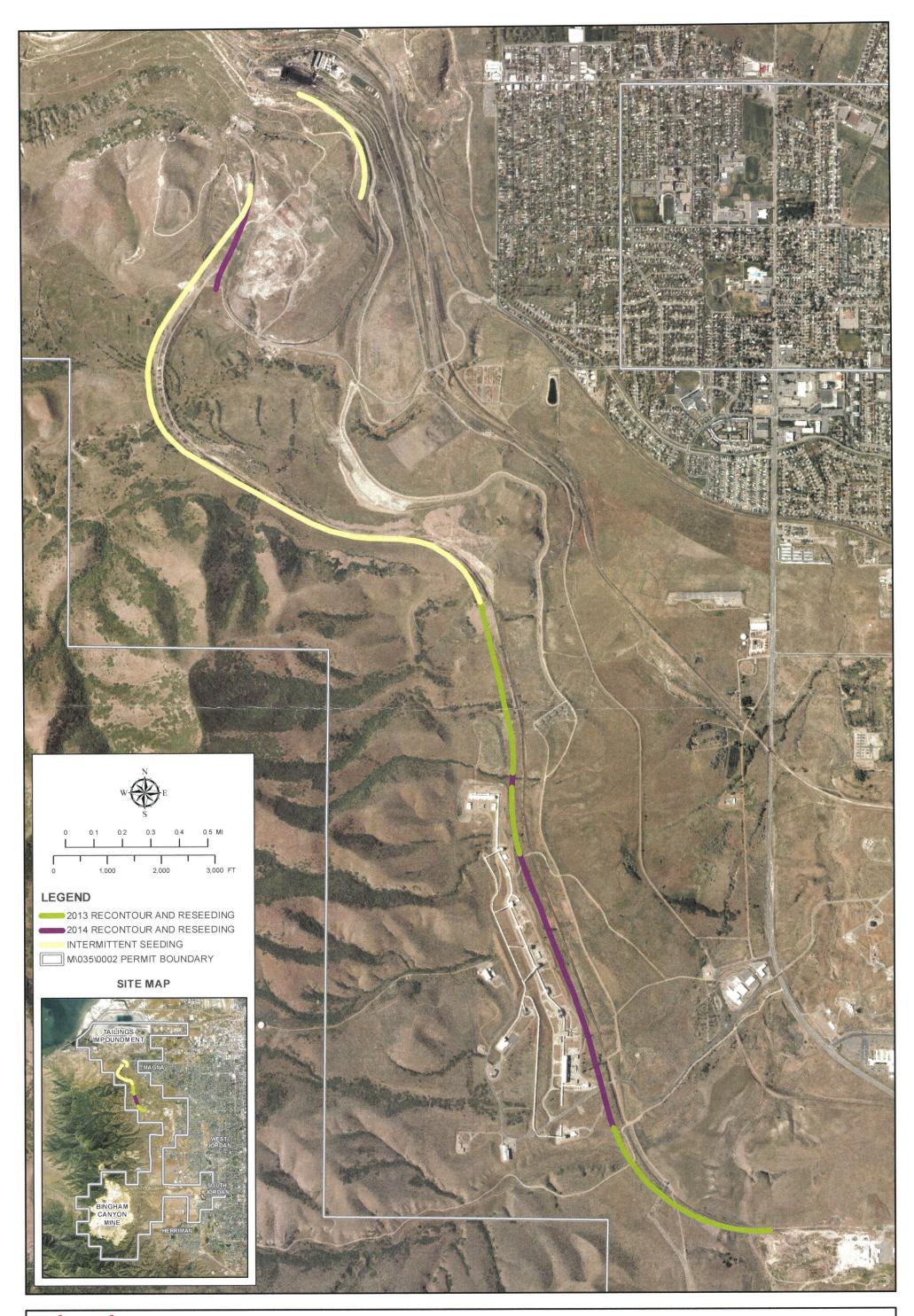


BINGHAM CANYON MINE (M\035\0002) SOUTH DUMP SOIL SALVAGE AND STOCKPILE LOCATIONS



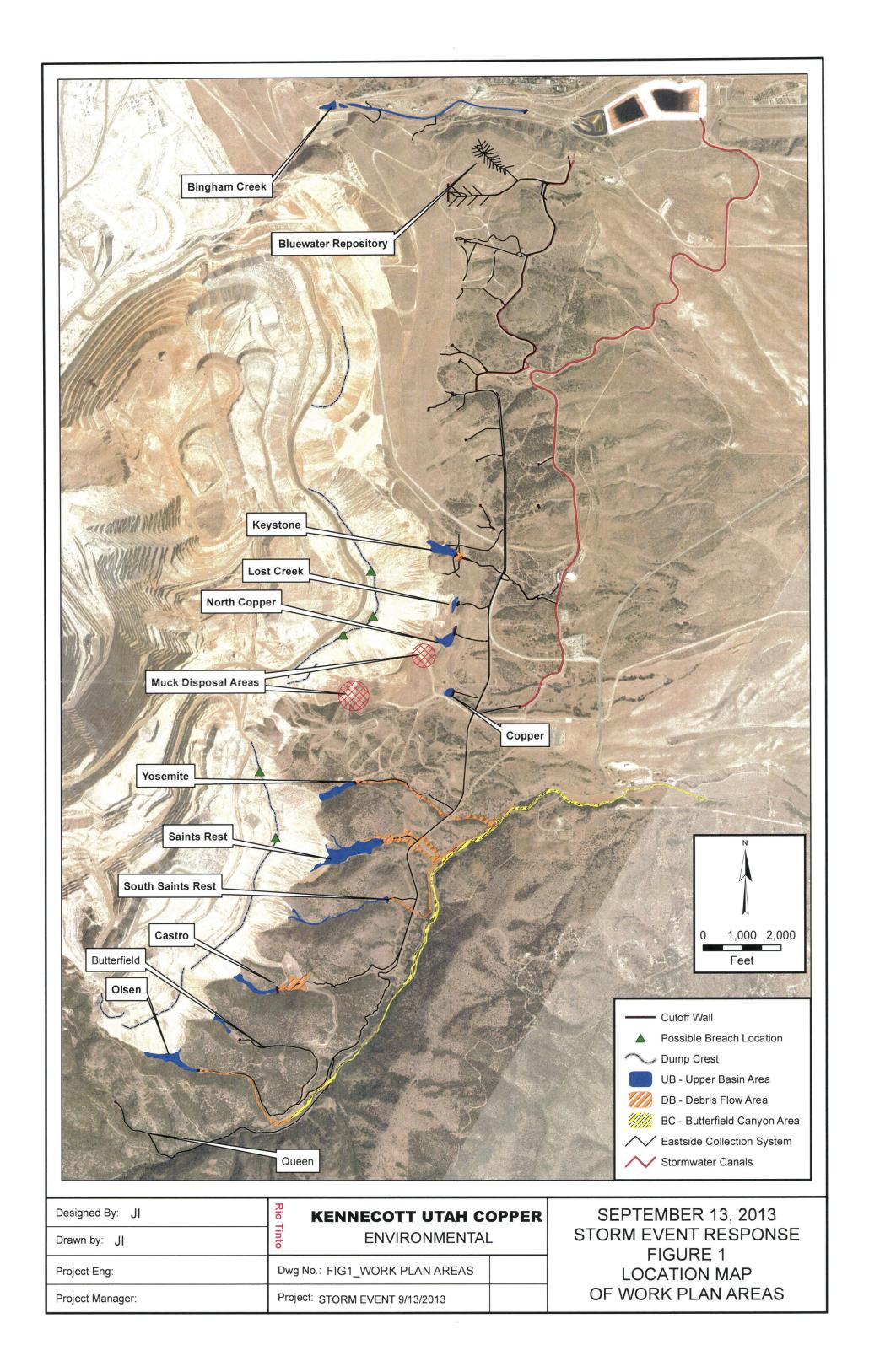


BINGHAM CANYON MINE (M\035\0002)
EAST DUMP SOIL SALVAGE AND STOCKPILE LOCATIONS



DATE: 1/28/2015 4:55:53 PM
CREATED BY: TERESA. COCKAYNE
PATH: \\USSLCAP117\GIS_PROJECTS\2015\20150128_DOGM_REPORTING\COPPERTONHIGHLINE_RECLAMATION.MXD
COORDINATE SYSTEM: NAD 1927 UTM ZONE 12N

BINGHAM CANYON MINE (M\035\0002) RAIL ROAD DEMOLITION ACTIVITY



Kennecott Utah Copper 4700 Daybreak Parkway South Jordan, Utah 84095 801-204-2128 (0) 801-569-7192 (f)

Steve Schnoor Director – Land, Water, and Energy

30 January 2015

Mr. Paul Baker, Minerals Program Manager Division of Oil, Gas & Mining Utah Department of Natural Resources 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, Utah 84114-5801

Attn:

Ms. Leslie Heppler

Subject:

Large Mining Operations 2014 Annual Report

January 1, 2014 to December 31, 2014

M/035/0002

Bingham Canyon Mine

Dear Mr. Baker:

Please find attached Form MR-AR for permit number M/035/0002, Bingham Canyon Mine.

Reference maps are included with this annual report, as well as the KUC document UDOGM Annual Reporting Register through Q4 2014.

KUC is also providing updated information regarding mining activities performed in 2014 (Attachment A) not specifically addressed on Form MR-AR for M/035/0002.

If you have any questions about these annual reports, please contact Thiess Lindsay at 801.569.6066.

Sincerely,

For Steve

Director - Land, Water, and Energy

Schnoor

Cc: Dana Dean (UDOGM)

Title:

Update of Mining Activities Related to Bingham Canyon Mine Operations (M/035/0002)

Context:

The division has been briefed in various capacities throughout the year regarding new and/or continued mining activities related to the Bingham Canyon Mine operation.

Purpose:

The intent of this update is to provide the division with a brief summary of mining related activities completed or ongoing throughout the year.

Summary of Activities (not addressed on Form MR-AR):

- Chalcopyrite Heap Leach Project (CHLP)
 - Pilot scale copper heap leach facility including pilot SX/EW plant (work not associated with leaching at Bingham) is located in Dry Fork Canyon atop existing historic waste rock.
 - The pilot facility began operation under leach in Q1-2012 and continued to operate until Q4 2014.
 - In Q4, the facility ceased operations and transitioned into care and maintenance until operations resume at a future time.
 - The facility is being monitored to ensure compliance with existing permits.
- Clean up of Debris Flow in Butterfield Drainage (see Figure "September 13, 2013 Storm Event Response Figure 1").
 - In September 2013, debris flow occurred from certain waste rock disposal areas that report to the Butterfield Drainage.
 - Cleanup efforts immediately commenced in 2013 and continued into 2014.
 Clean up activities include the re-establishment of sediment basins, removal of impacted sediment, re-grading, and reseeding.
 - Riparian response on Butterfield Creek began in Q2 2014. Response activities include the installation of sediment control features, reestablishment of a downstream de-silting basin, removal of impacted sediments, and reseeding. Additional reseeding was completed in Q4 2014.
- Common Access Decline / North Wall Drainage Gallery
 - North Wall Drainage Gallery access completed up to 3050' prior to Manefay slide event.
 - Mid-Slope drill commenced in Q1 2013 with the near completion of the first set of drainage holes
 - o The 7951ft Common Access Decline will be completed in April 2015
 - 57, 580ft of Midslope drilling has been completed and has been very successful
 - o A ventilation raise was installed in 2014
 - The development of the North Wall Drainage Gallery will commence at the completion of the Common Access Decline (April 2015)

 The North Wall Drainage Gallery consists of 2916ft of Centerline Development, 1895ft of Off-Centerline Development and 189,000ft of dewatering drilling

South Wall Drainage Gallery

- South Wall Drainage Gallery decline completed up to 1895' prior to Manefay slide event.
- South wall depressurization drilling was expected to commence in Q3 2013, however was delayed due to the Manefay slide event
- 8615ft of the 12050ft of development has been completed on the South Wall Drainage Gallery
- o 50,600ft of the 478,800ft of dewatering drilling has been completed

• 4590 Recovery Decline

- Recovery decline development commenced in July 2013 in response to regain access to the South Wall Drainage Gallery (SWDG) and Common Access Decline (CAD) in response to the Manefay slide
- 1660' of development was completed to regain access to the CAD by EOY 2013
- 770' of development was completed to regain access to the SWDG by EOY 2013
- The recovery decline was completed in 2014 and access to the SWDG and the CAD was re-established.
- North Ore Shoot Shaft / Integrated Skarns Order of Magnitude Study
 - An order of magnitude study commenced on the strategy of developing a number of Skarn deposits in close proximity to the previously investigated North Rim Skarn deposit
 - o Shaft rehabilitation (stripping) completed to the 4500' level
 - Shaft rehabilitation was put on hold in Q4 and will remain in the care and maintenance state until further notice
 - This study has been put on hold.

Integrated Skarn Project

- A new Order of Magnitude Study commenced to evaluate various underground Skarns options
- This study is due to go to pre-feasability phase in Q2 2015